

Complete Summary

TITLE

Intrapartum fetal heart rate management: percentage of women who are assessed for risk status on entry to labor and delivery.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Intrapartum fetal heart rate management. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Oct. 27 p. [45 references]

Brief Abstract

DESCRIPTION

This measure assesses the percentage of women who are assessed for risk status on entry to labor and delivery.

RATIONALE

The priority aim addressed by this measure is to increase the use of methods that decrease potential adverse neonatal effects of persistent non-reassuring heart rate tracing in labor (e.g., decrease incidence of hypoxia and acidosis).

PRIMARY CLINICAL COMPONENT

Pregnancy; fetal heart rate management; risk assessment

DENOMINATOR DESCRIPTION

Number of women who present in labor

NUMERATOR DESCRIPTION

Number of women with evidence of assessment for risk status on entry to labor and delivery to include: 20-minute fetal heart rate (FHR) assessment, patient assessment, prenatal risk review, and risk in labor assessment

Evidence Supporting the Measure

PRIMARY MEASURE DOMAIN

Process

SECONDARY MEASURE DOMAIN

Not applicable

EVIDENCE SUPPORTING THE MEASURE

A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Intrapartum fetal heart rate management.](#)

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Unspecified

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Hospitals

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Advanced Practice Nurses
Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Individual Clinicians

TARGET POPULATION AGE

Unspecified

TARGET POPULATION GENDER

Female (only)

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component

INCIDENCE/PREVALENCE

Unspecified

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

Unspecified

UTILIZATION

Unspecified

COSTS

Unspecified

Institute of Medicine National Healthcare Quality Report Categories

IOM CARE NEED

Staying Healthy

IOM DOMAIN

Effectiveness

Data Collection for the Measure

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

All women who present in labor.

Any one of several possible data collection methods may be used by the medical group to capture data for this population.

- Data may be obtained retrospectively by a chart audit (using a minimum sample of 20 charts per month) of all women presenting in labor.
- Data may be obtained through discharge abstract coding or other data base from the hospital.
- The hospital may send the medical group a copy of the labor and delivery summary sheet.

The suggested time frame for data collection is monthly.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR (INDEX) EVENT

Institutionalization

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of women who present in labor

Exclusions

Unspecified

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of women with evidence of assessment for risk status on entry to labor and delivery to include:

- 20-minute fetal heart rate (FHR) assessment
- patient assessment
- prenatal risk review
- risk in labor assessment

Exclusions

Unspecified

DENOMINATOR TIME WINDOW

Time window is a single point in time

NUMERATOR TIME WINDOW

Encounter or point in time

DATA SOURCE

Administrative data
Medical record

LEVEL OF DETERMINATION OF QUALITY

Individual Case

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure

SCORING

Rate

INTERPRETATION OF SCORE

Better quality is associated with a higher score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

Percentage of women who are assessed for risk status on entry to labor and delivery.

MEASURE COLLECTION

Intrapartum Fetal Heart Rate Management Measures

DEVELOPER

Institute for Clinical Systems Improvement

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2002 Oct

REVISION DATE

2003 Oct

MEASURE STATUS

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Intrapartum fetal heart rate management. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2002 Oct. 28 p.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Intrapartum fetal heart rate management. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Oct. 27 p. [45 references]

MEASURE AVAILABILITY

The individual measure, "Percentage of women who are assessed for risk status on entry to labor and delivery," is published in "Health Care Guideline: Intrapartum Fetal Heart Rate Management." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: www.icsi.org; e-mail: icsi.info@icsi.org.

NQMC STATUS

This NQMC summary was completed by ECRI on February 25, 2003. The information was verified by the measure developer on December 4, 2003. This summary was updated by ECRI on January 8, 2004.

COPYRIGHT STATEMENT

This NQMC summary (abstracted Institute for Clinical Systems Improvement [ICSI] Measure) is based on the original measure, which is subject to the measure developer's copyright restrictions.

The abstracted ICSI Measures contained in this Web site may be downloaded by any individual or organization. If the abstracted ICSI Measures are downloaded by an individual, the individual may not distribute copies to third parties.

If the abstracted ICSI Measures are downloaded by an organization, copies may be distributed to the organization's employees but may not be distributed outside of the organization without the prior written consent of the Institute for Clinical Systems Improvement, Inc.

All other copyright rights in the abstracted ICSI Measures are reserved by the Institute for Clinical Systems Improvement, Inc. The Institute for Clinical Systems Improvement, Inc. assumes no liability for any adaptations or revisions or modifications made to the abstracts of the ICSI Measures.

© 2004 National Quality Measures Clearinghouse

Date Modified: 8/2/2004

FIRSTGOV

